

# PREPARATION OF B-29 Lys MODIFIED INSULIN USING PROINSULINS

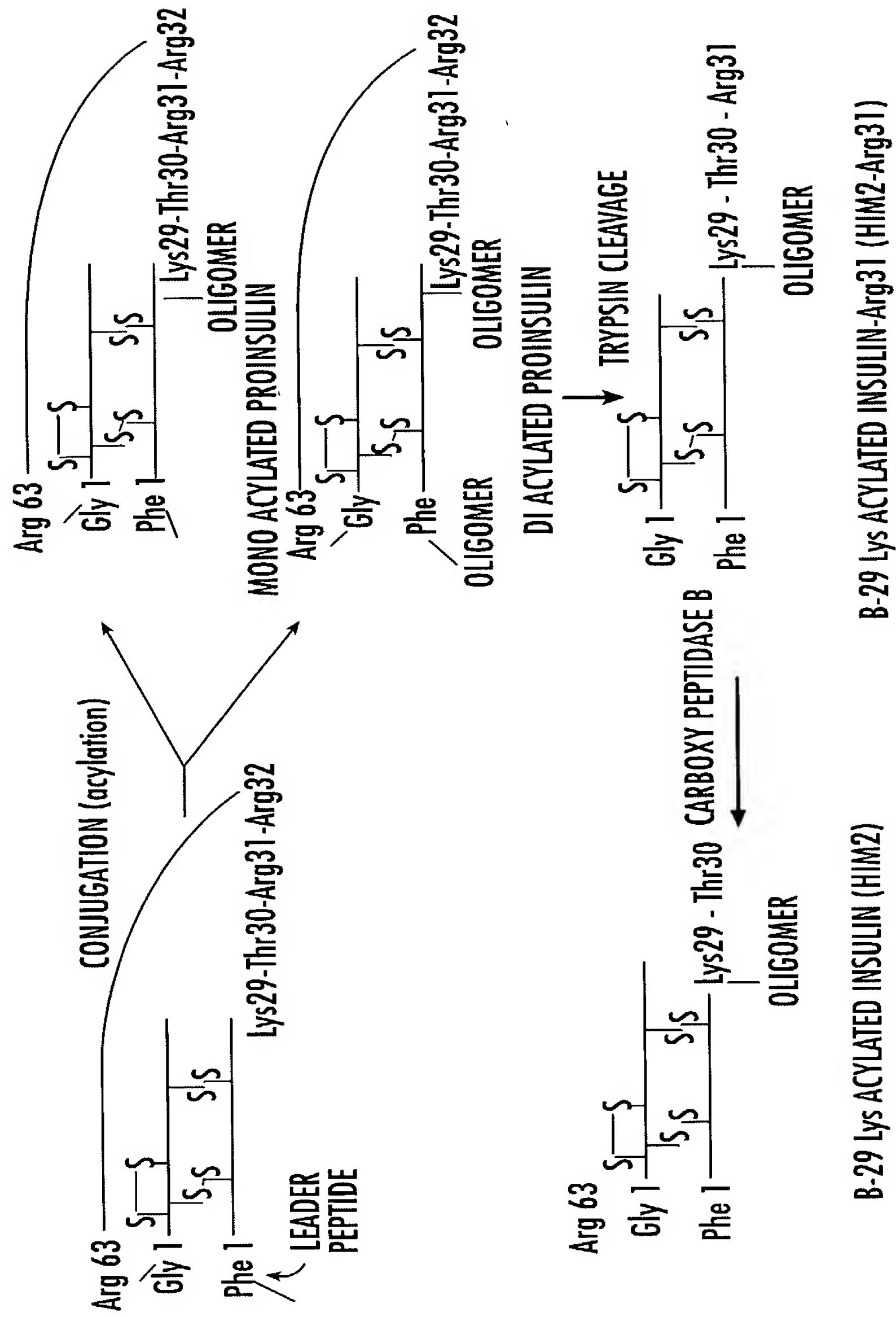


FIG. 1.

2/16

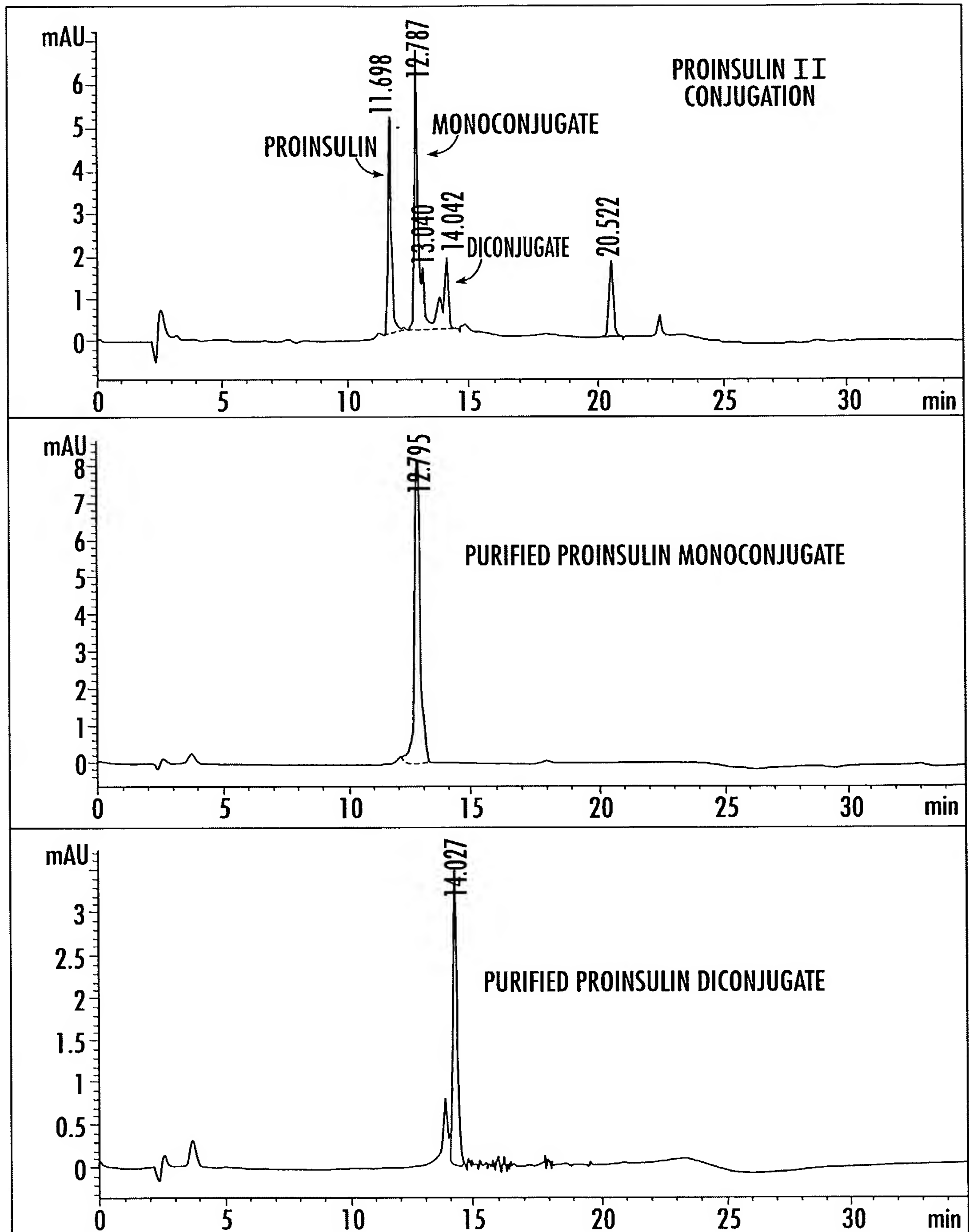


FIG. 2.

3/16

PURIFIED PROINSULIN II MONOCONJUGATE

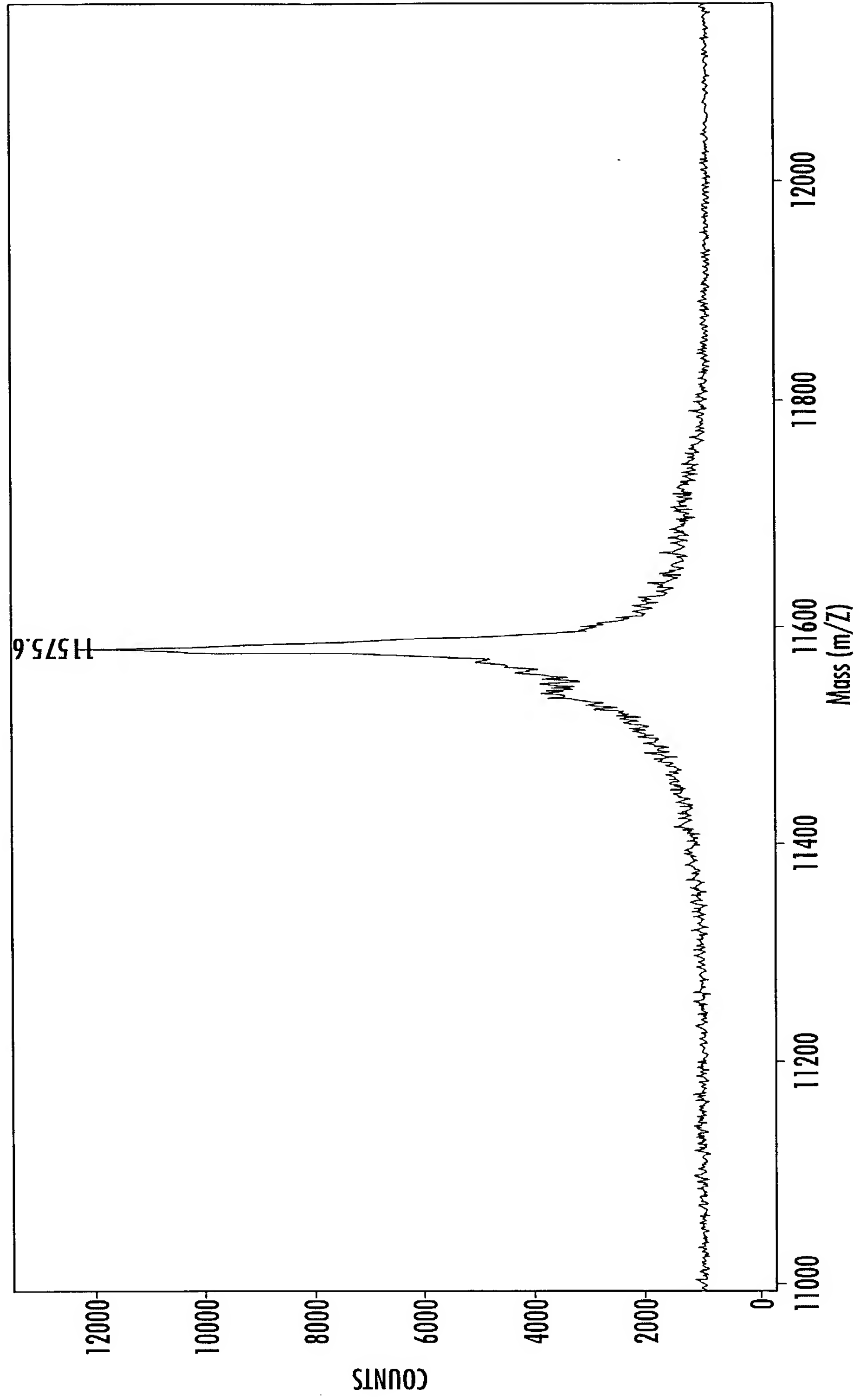


FIG. 3.

PURIFIED PROINSULIN II DICONJUGATE

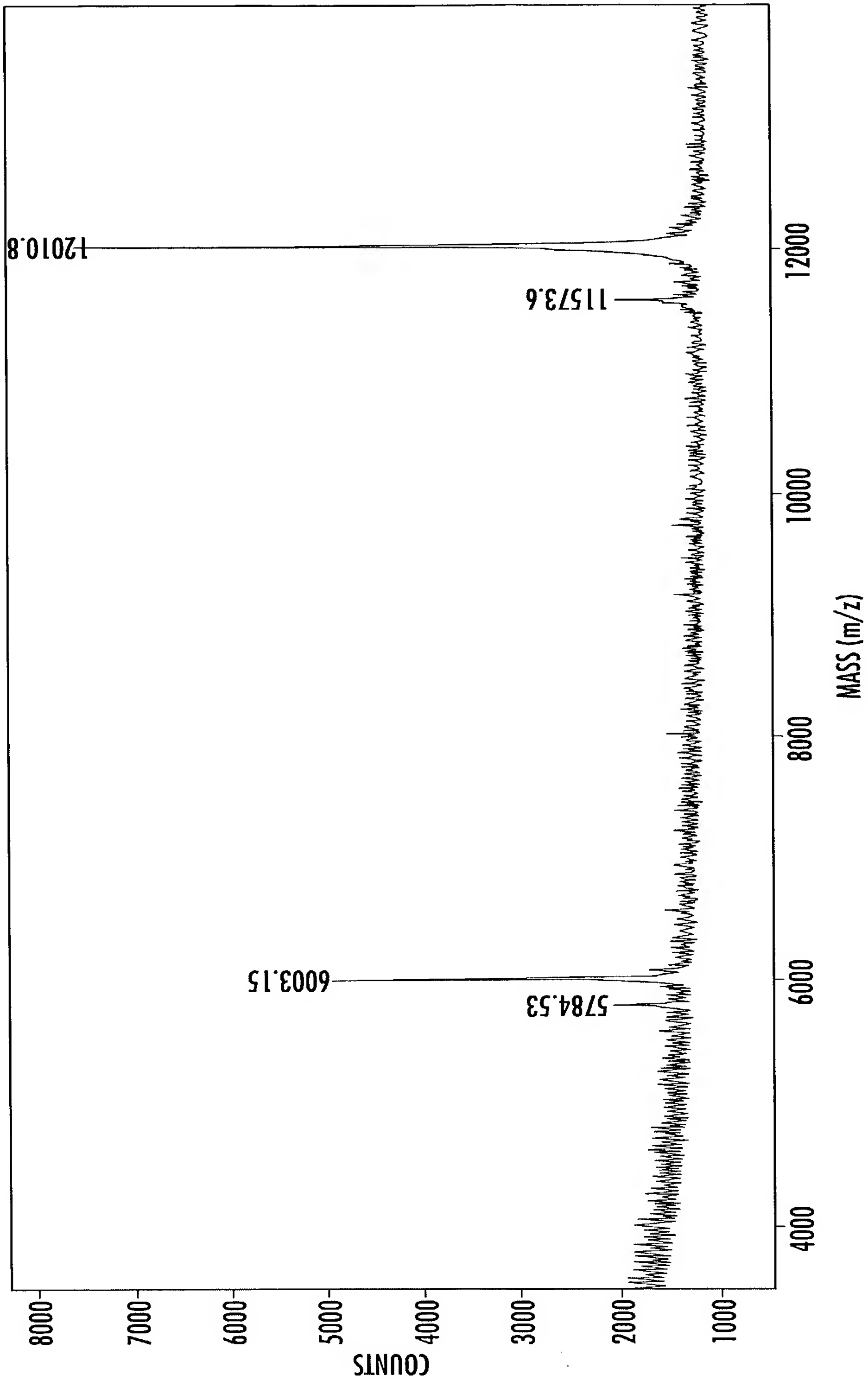


FIG. 4.

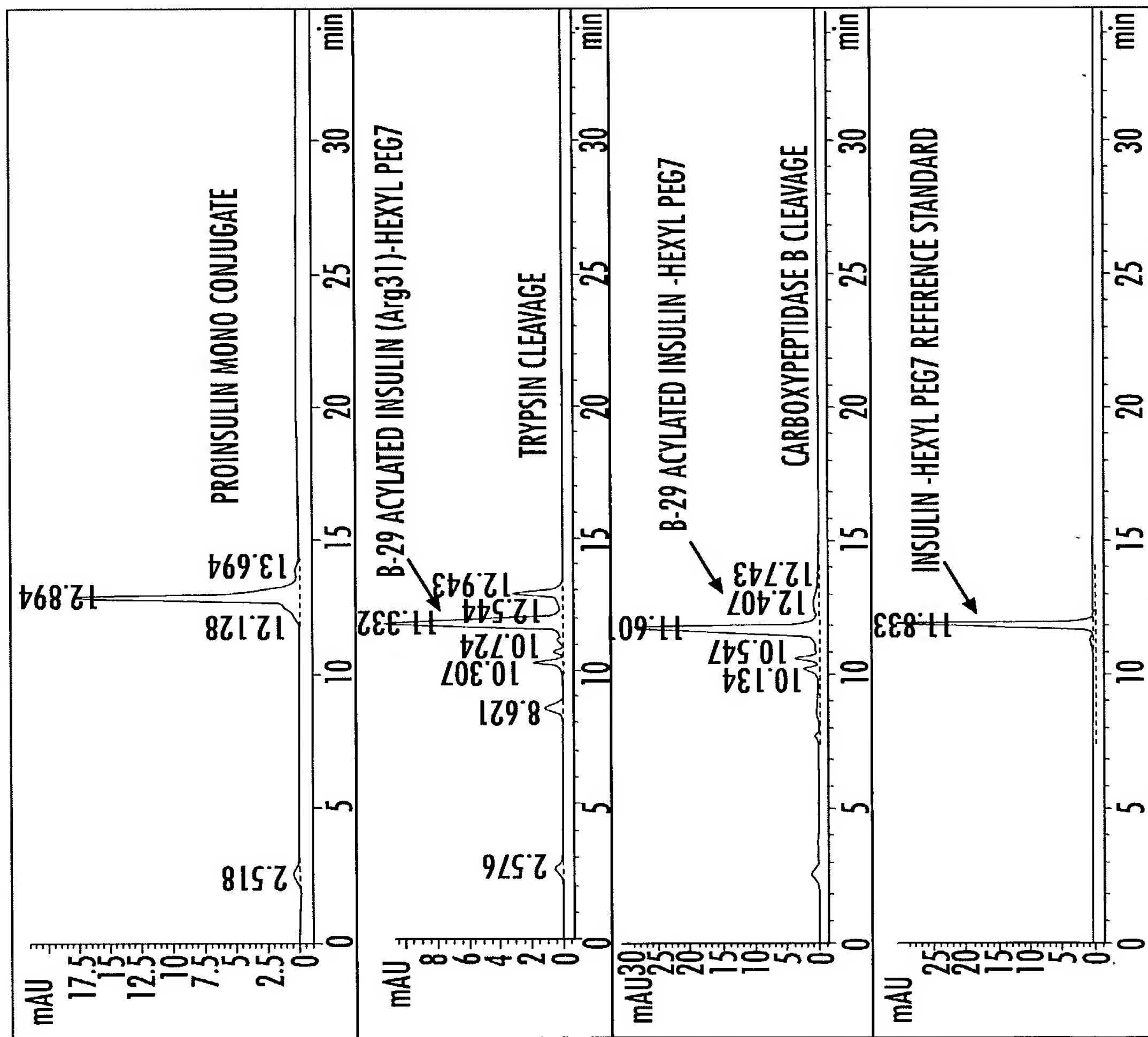


FIG. 5.

6/16

PRODUCT OF TRYPSIN CLEAVAGE OF  
PROINSULIN I I MONOCONJUGATE

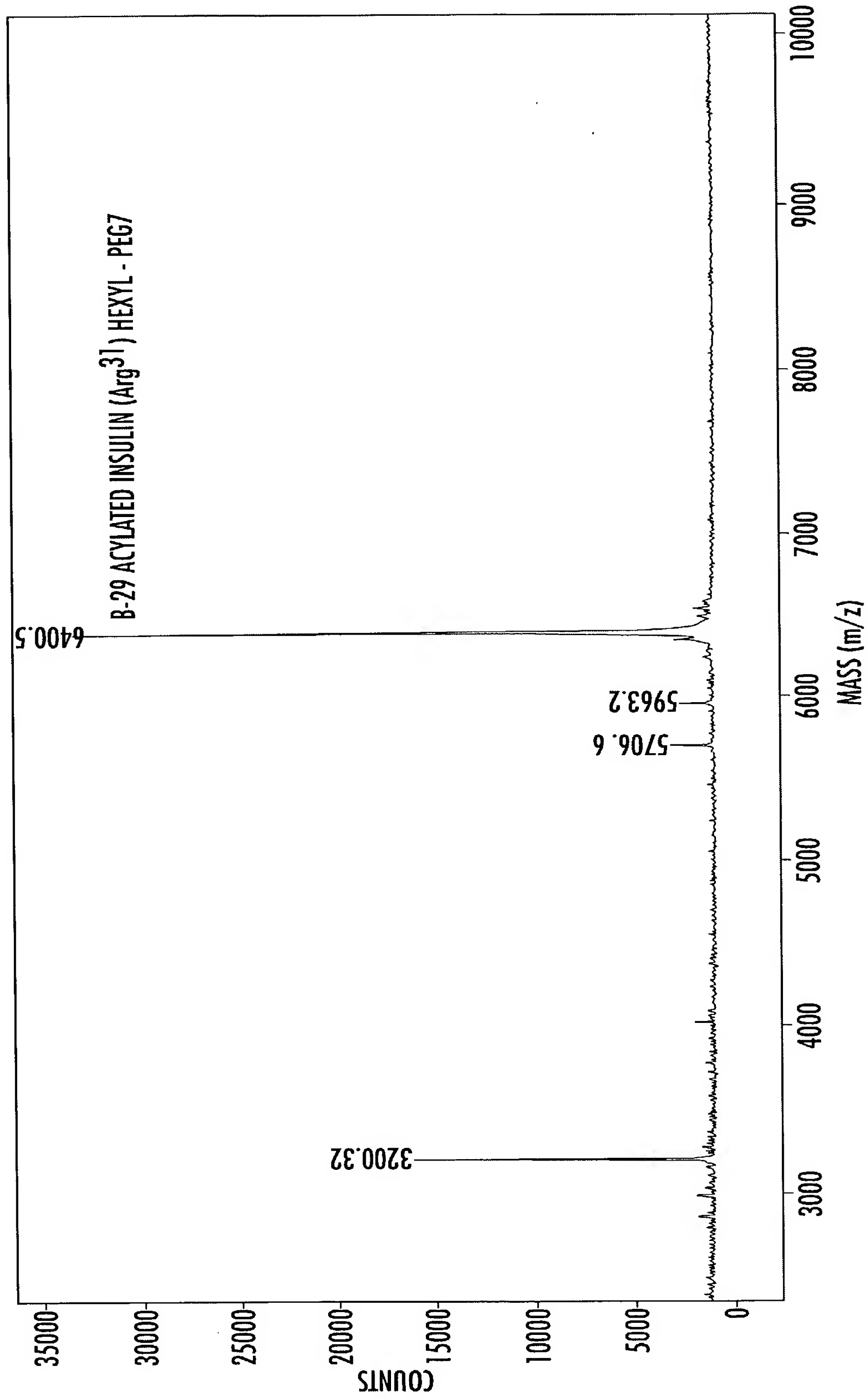


FIG. 6.

7/16

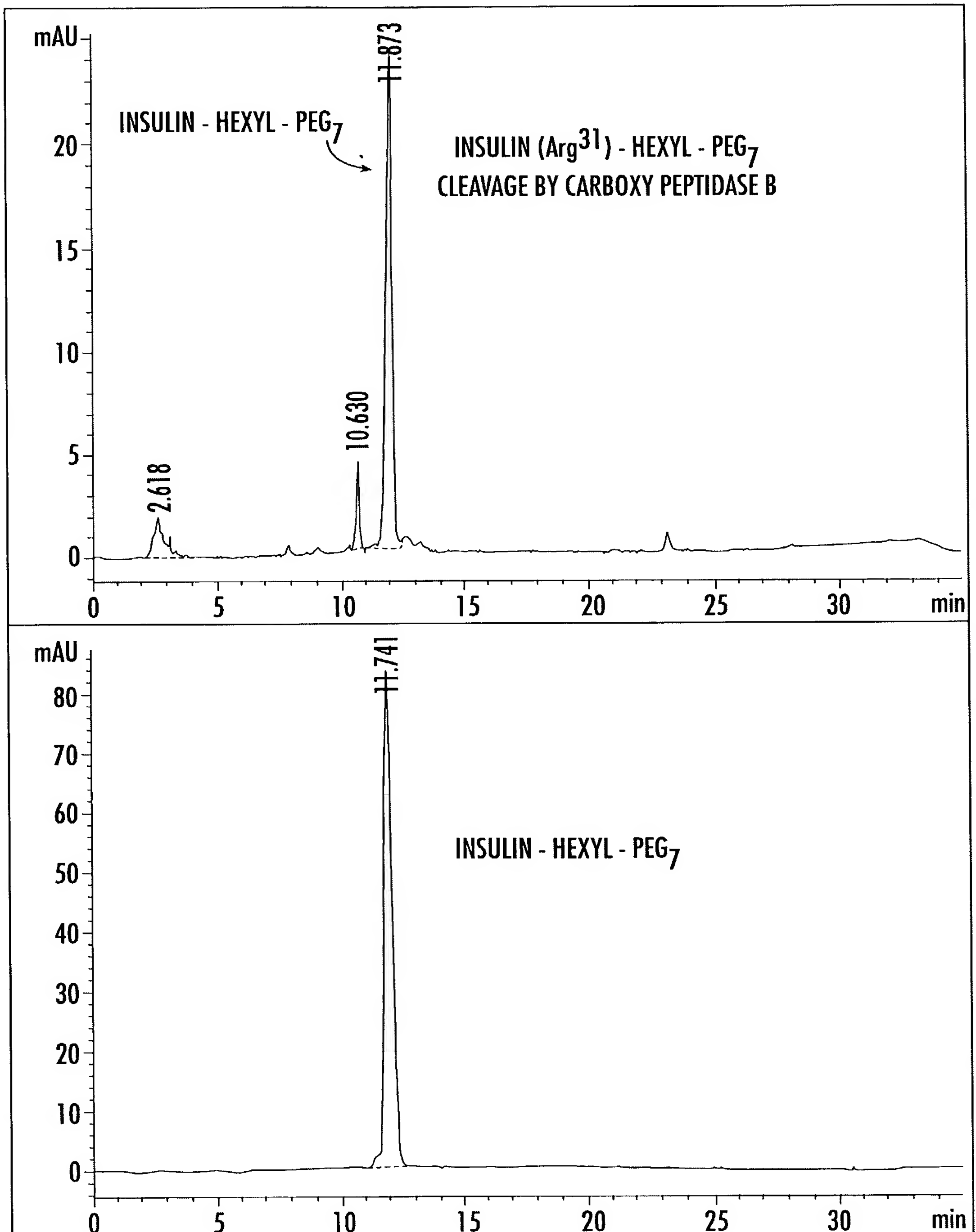


FIG. 7.



**FIG. 8.**



9/16

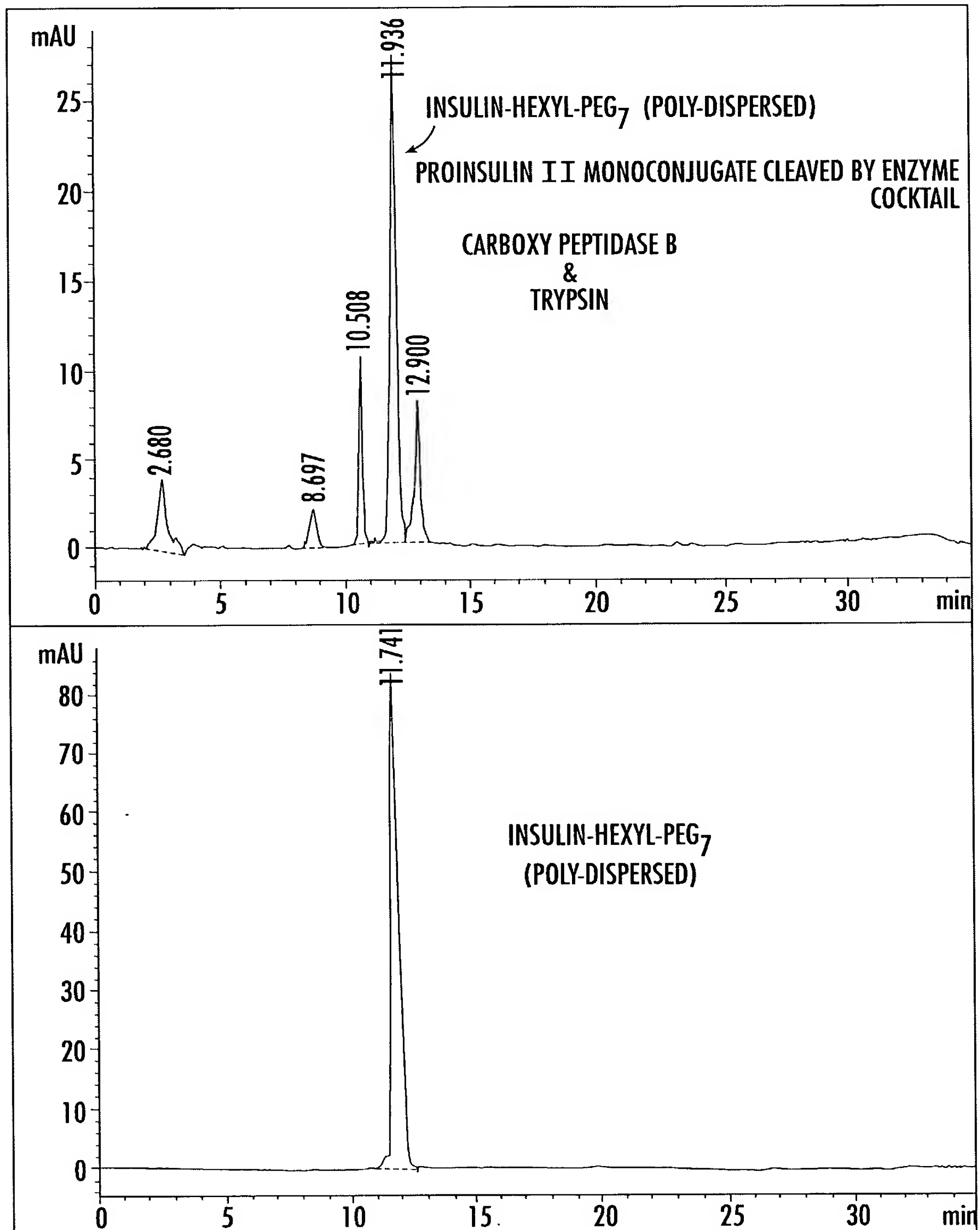


FIG. 9.

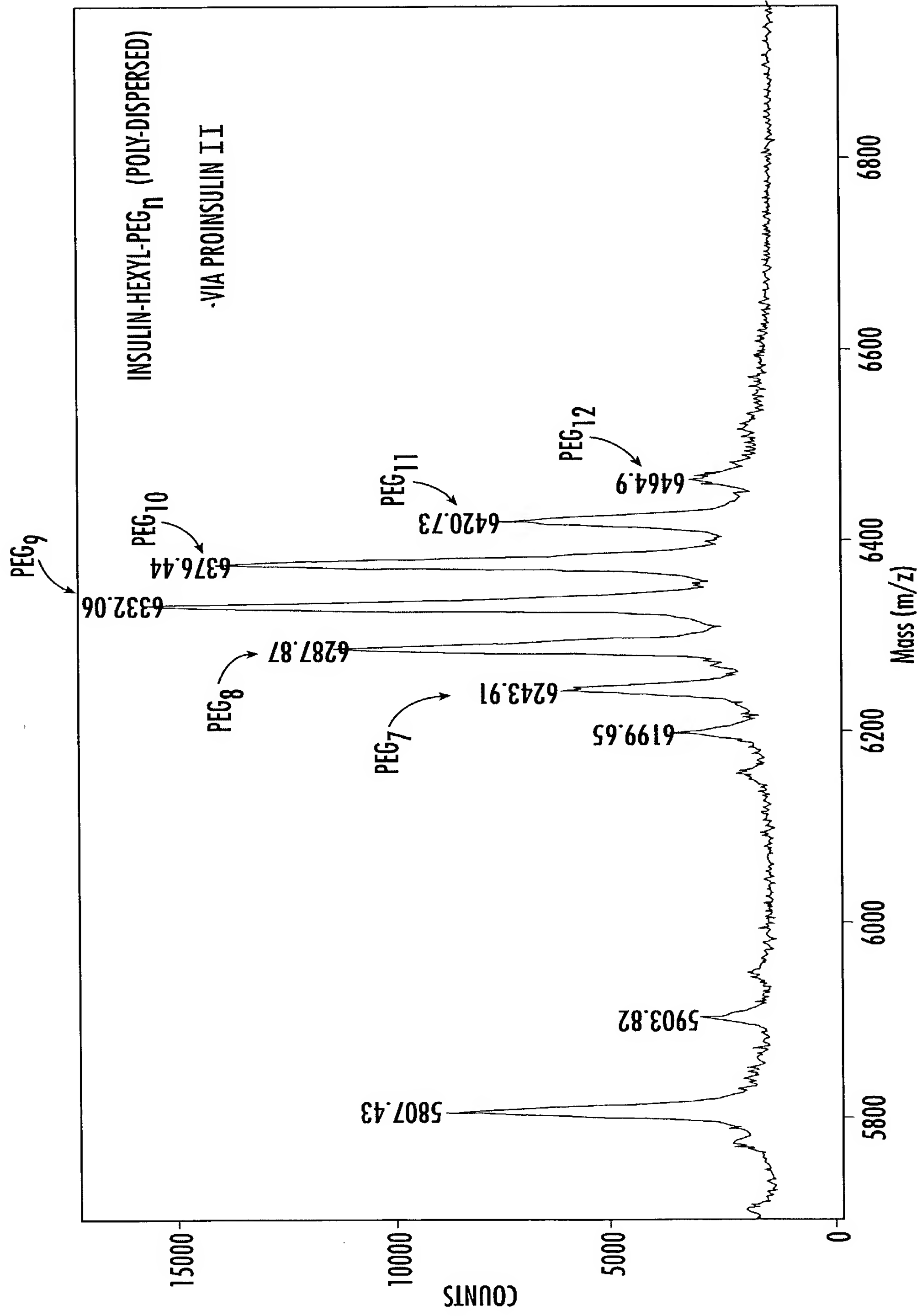
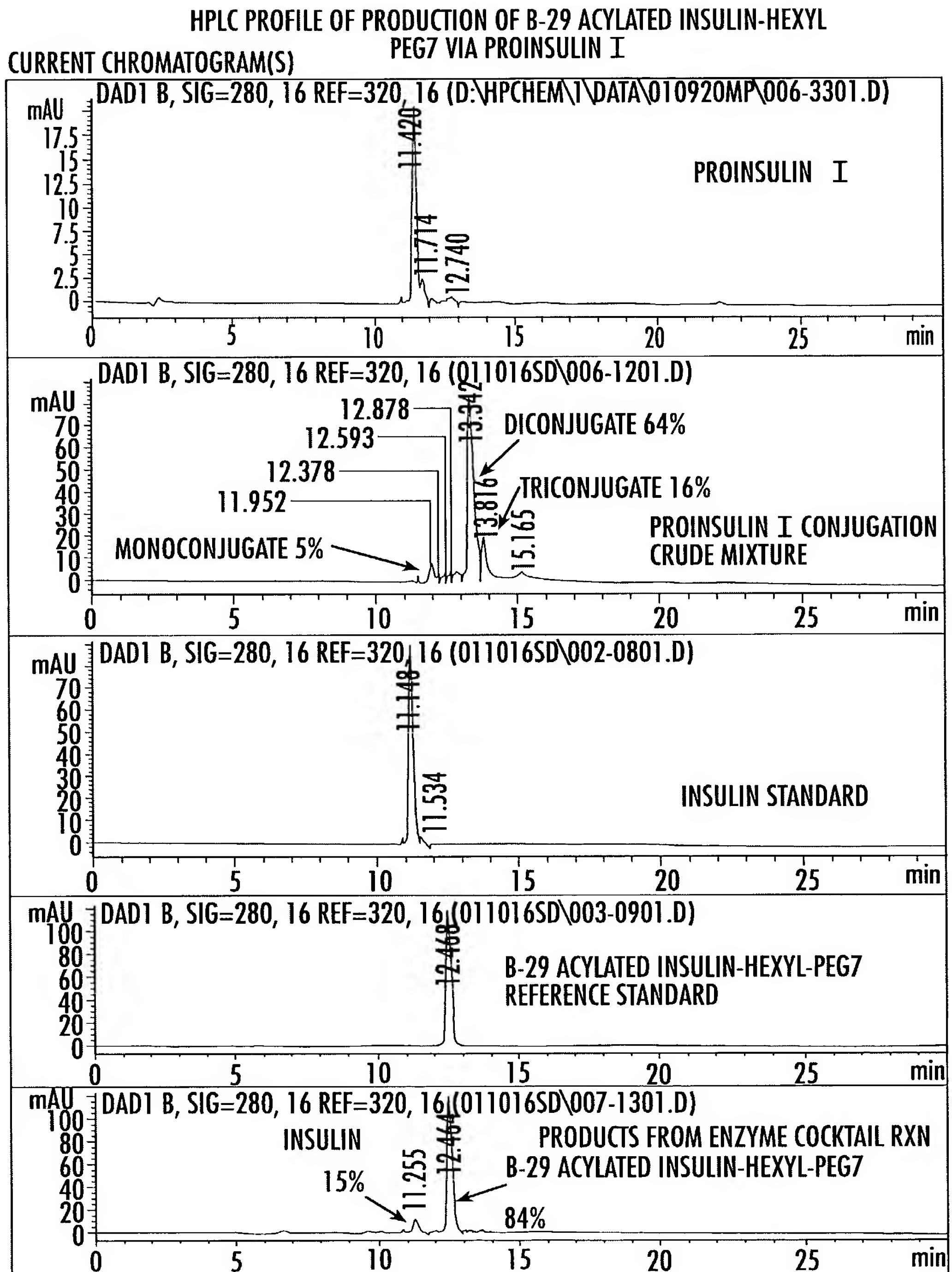


FIG. 10.

11/16



**FIG. 11.**

MASS SPECTRUM OF B-29 ACYLATED INSULIN-HEXYL PEG7  
VIA PROINSULIN I

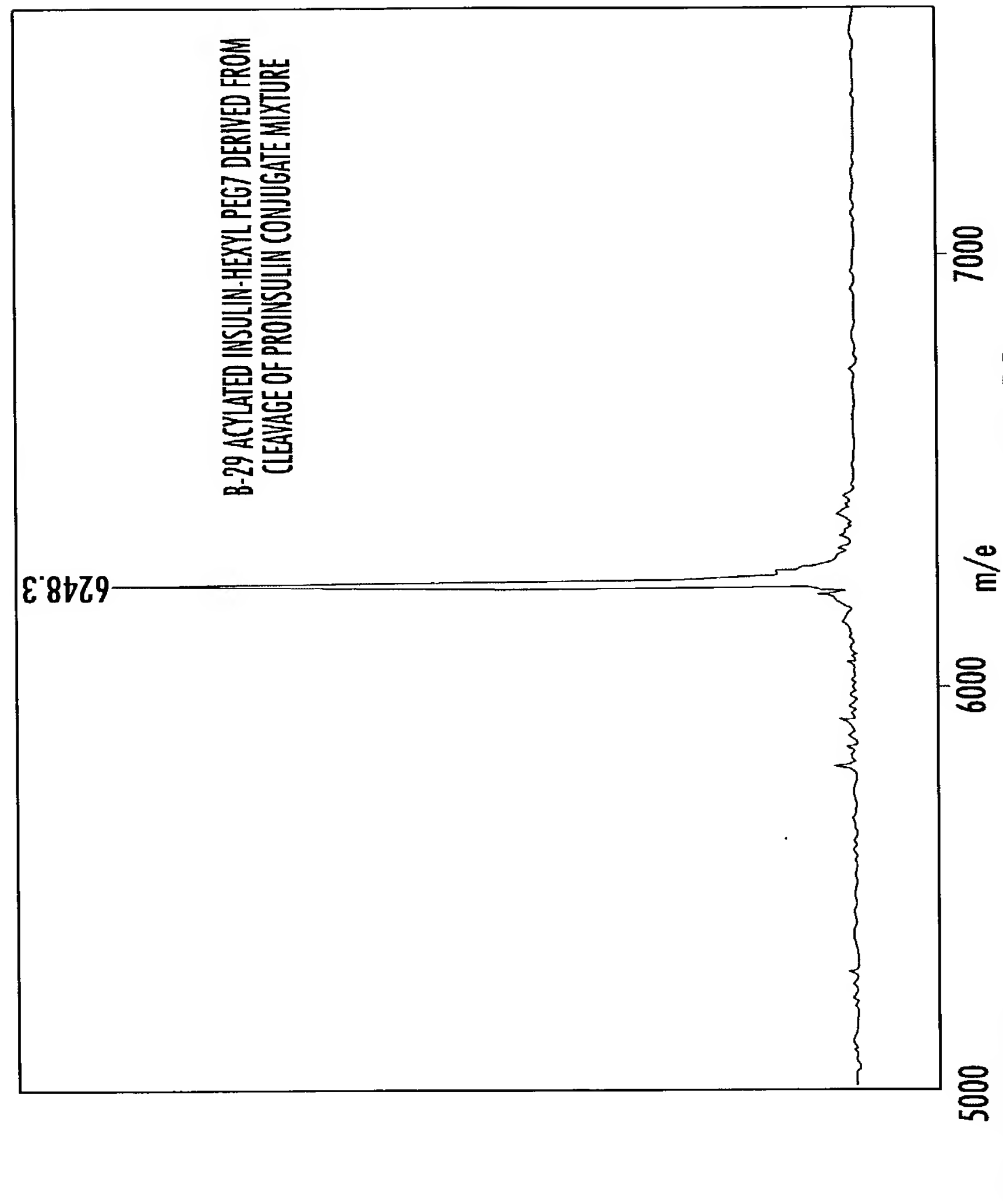
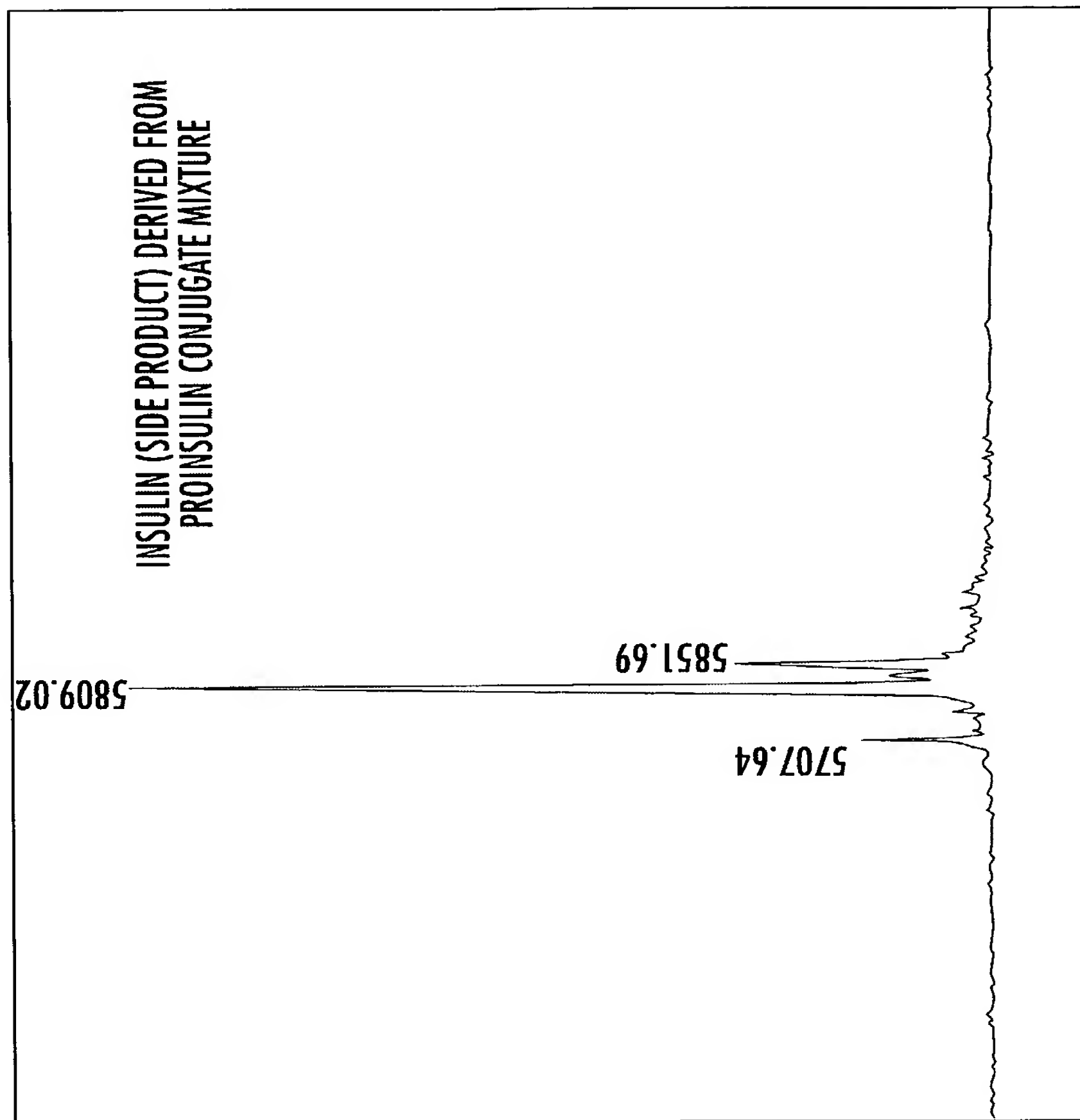


FIG. 12.

MASS SPECTRUM OF INSULIN VIA PROINSULIN I



m/e

MALDI MASS SPEC

FIG. 13.

14/16

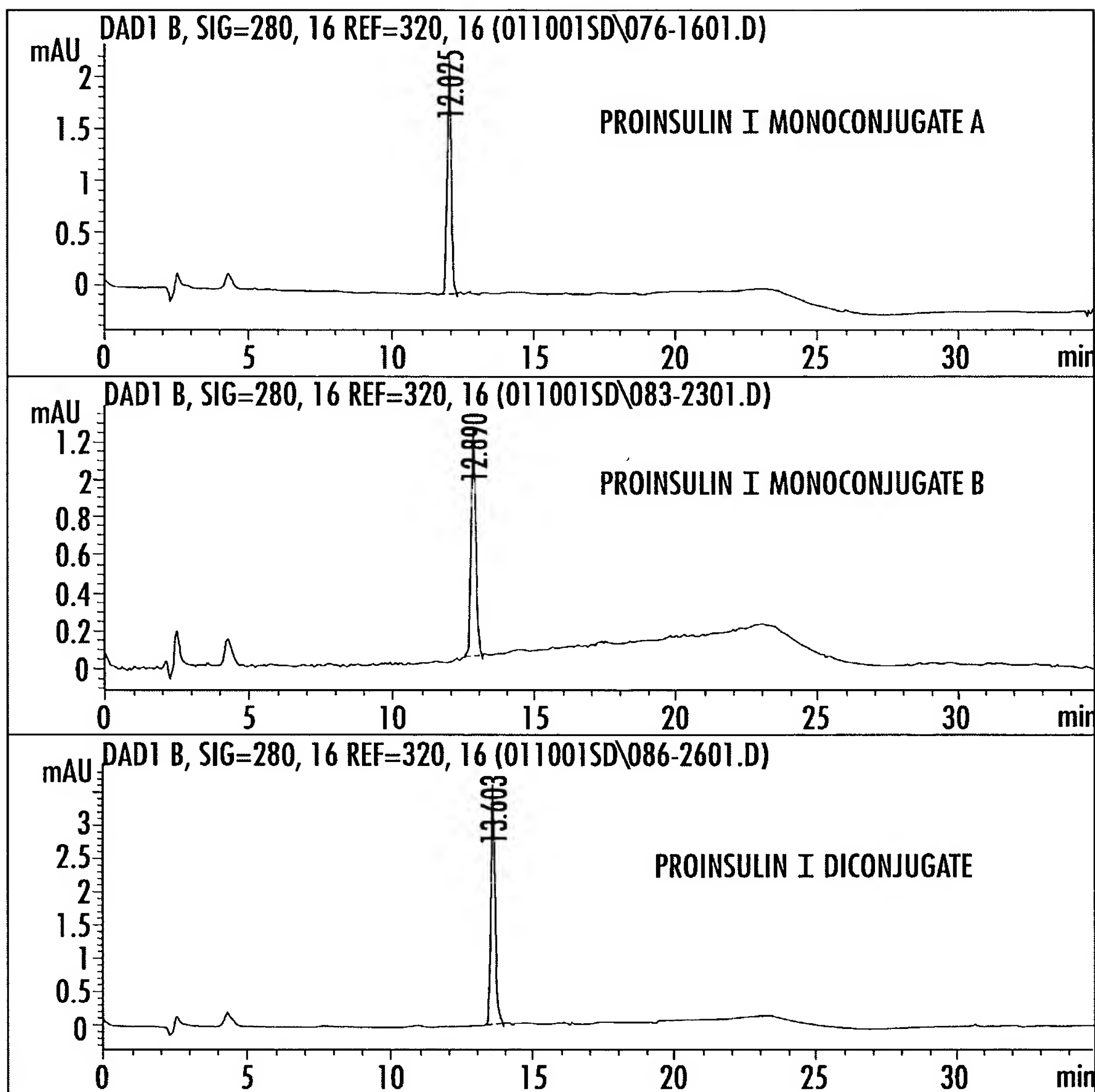


FIG. 14.

15/16

CURRENT CHROMATOGRAM (S)

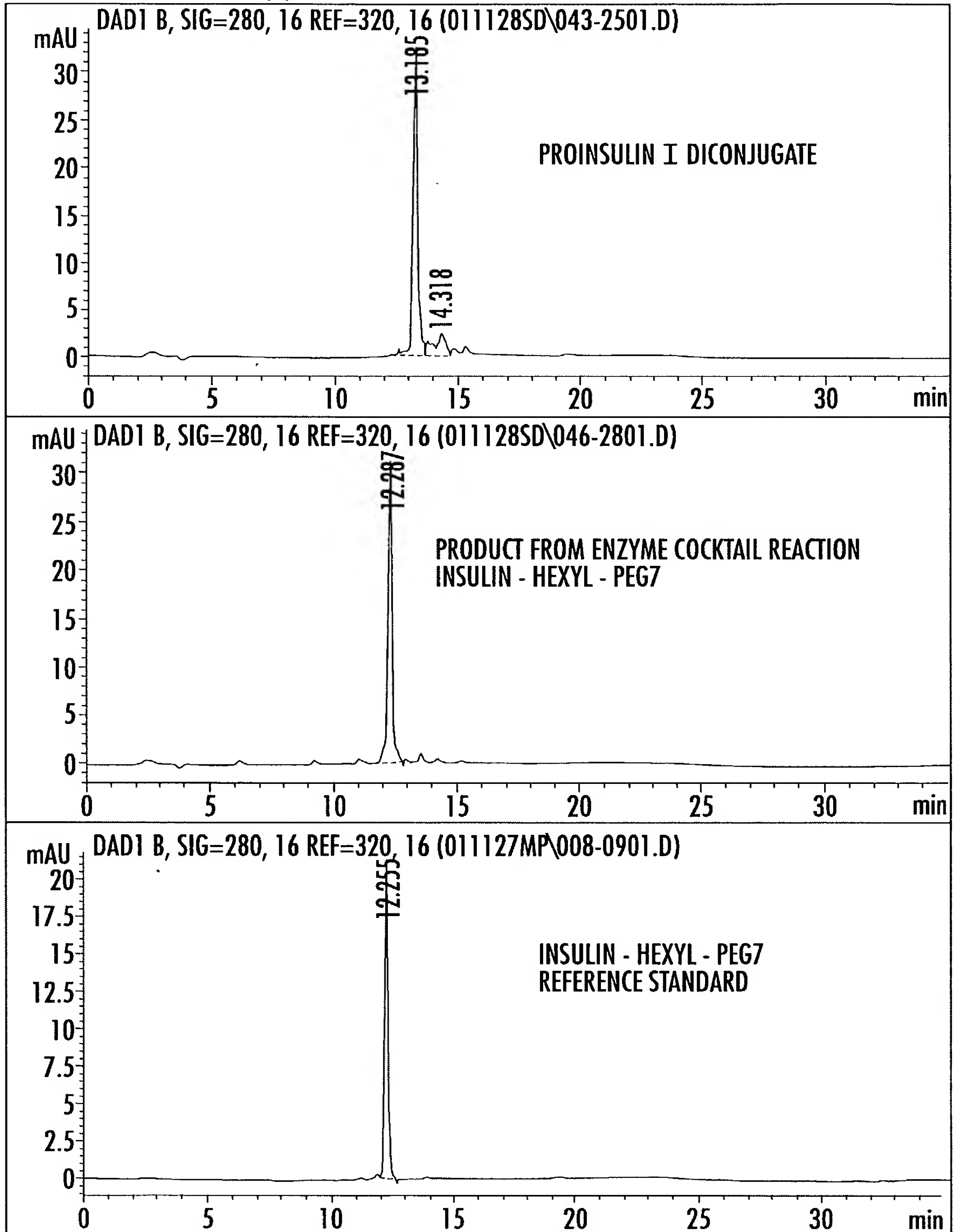


FIG. 15.

16/16

CURRENT CHROMATOGRAM (S)

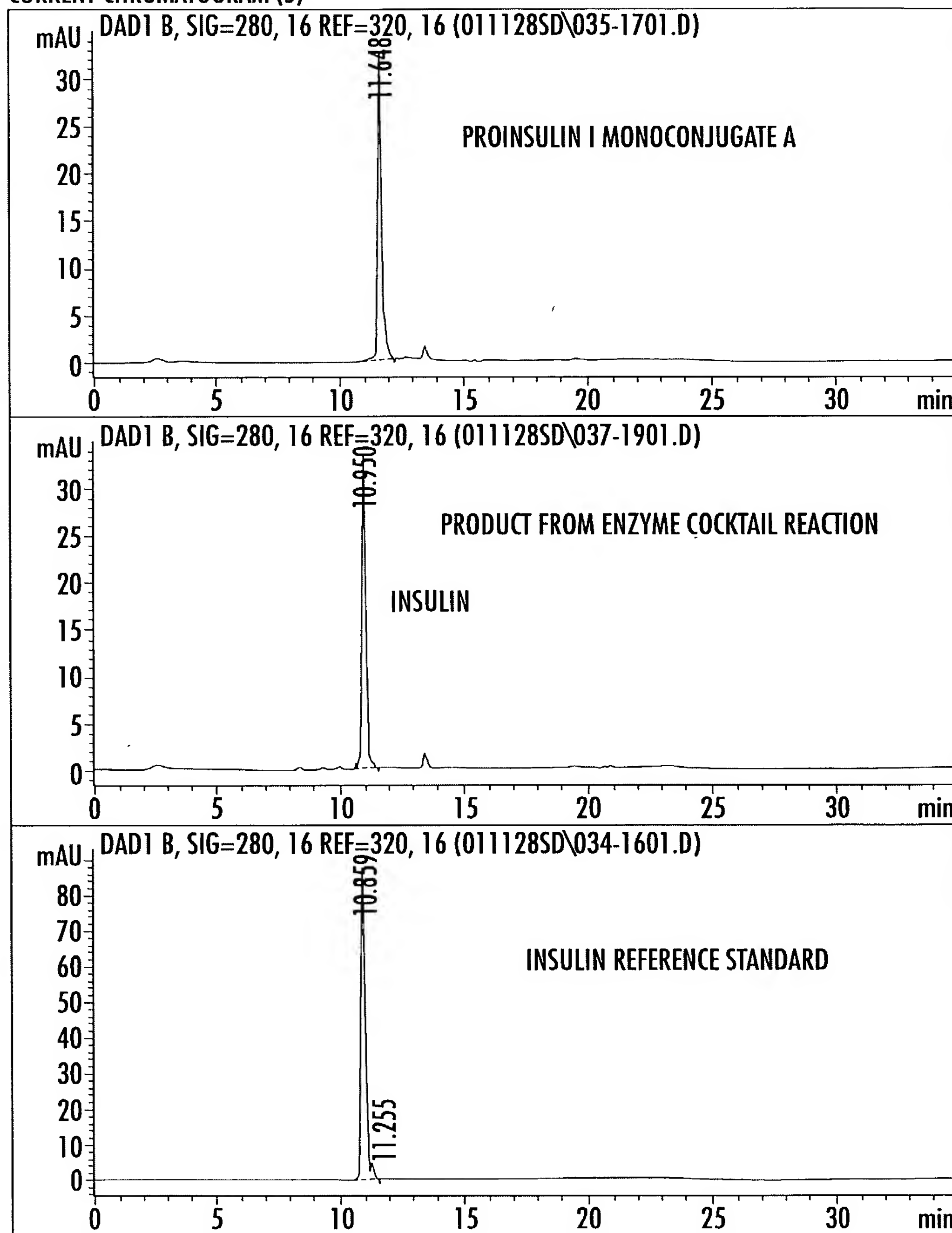


FIG. 16.